

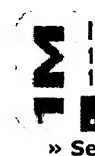
Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4945	382/100,106;356/3,3. 1;340/933;701/211,210,209,205.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 14:45
S2	2142	S1 and (road or lane\$ or marker\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/30 13:53
S3	328	S2 and (imag\$4 same (divid\$6 or separt\$5 or region\$4 or segment\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/30 13:56
S4	38	S3 and ((road or lane) near4 curv\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/30 15:26
S5	15	((road near3 imag\$3) same ((determin\$6 or calcul\$5 or detect\$6) near4 (curv\$ or turn\$4))) and triang\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/30 15:42
S6	6928	images and triangle and (circum\$9 or radius or radii or diameter\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/30 15:41
S7	1058	images and (triangle same (circum\$9 or radius or radii or diameter\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/30 15:42
S8	1366	images and (triangl\$6 same (circum\$9 or radius or radii or diameter\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/30 16:02
S9	206	S8 and ((determin\$6 or calcul\$5 or detect\$6) near4 (curv\$ or turn\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/30 16:00
S10	19692	(road or line or lane\$) same ((recogniz\$6 or detect\$5 or determin\$6) near4 (curv\$6 or turn\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/30 16:09

S11	30	S10 and images and (triangl\$6 same (circum\$9 or radius or radii or diameter\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/30 16:03
S12	948	(road or lane\$) near3 ((recogniz\$6 or detect\$5 or determin\$6) near4 (curv\$6 or turn\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/30 16:10
S13	348	S12 and (imag\$3 or phot\$8)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/30 16:12
S14	54	S13 and triang\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/30 16:15
S15	948	(road or lane\$) near3 ((recogniz\$6 or detect\$5 or determin\$6) near4 (curv\$6 or turn\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/30 16:16
S16	348	S15 and (imag\$3 or phot\$8)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/30 16:15
S17	54	S16 and triang\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/30 16:16
S18	1010	(Disappear\$4 or FOE or FO or convergen\$6) and triang\$7 and road\$1 and (curv\$8 or turn\$4 or bend\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/01 13:40
S19	955	(disappear\$4 or FOE or fov or convergen\$6) and triang\$7 and road\$1 and (curv\$8 or turn\$4 or bend\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/01 13:41
S20	245	(disappear\$4 or FOE or fov or convergen\$6) and triang\$7 and ((road\$1 or lane\$1) same (curv\$8 or turn\$4 or bend\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/01 14:05

S21	32	(disappear\$4 or FOE or fov or convergen\$6) and (triang\$7 same (radius or circum\$8)) and ((road\$1 or lane\$1) same (curv\$8 or turn\$4 or bend\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/01 14:06
S22	3240	Johns.pa.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/01 13:55
S23	8	S22 and road	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/01 13:54
S24	1089	Johns.xp.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/01 13:55
S25	49	S24 and road\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/01 13:55
S27	32	(vanish\$4 or disappear\$4 or FOE or fov or convergen\$6) and (triang\$7 same (radius or circum\$8)) and ((road\$1 or lane\$1) same (curv\$8 or turn\$4 or bend\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/01 14:16
S28	267	(vanish\$4 or disappear\$4 or FOE or fov or convergen\$6) and triang\$7 and ((road\$1 or lane\$1) same (curv\$8 or turn\$4 or bend\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/01 14:48
S29	88	S28 and (radius or ircum\$9)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/01 14:47
S30	169	S28 and (radius or circum\$9)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/01 14:47
S31	25	(vanish\$4 or disappear\$4 or FOE or fov or convergen\$6) and (triang\$7 same ((road\$1 or lane\$1) same (curv\$8 or turn\$4 or bend\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/01 14:51

S32	267	(vanish\$4 or disappear\$4 or FOE or fov or convergen\$6) and triang\$7 and ((road\$1 or lane\$1) same (curv\$8 or turn\$4 or bend\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 10:07
S33	24	((vanish\$4 or disappear\$4 or FOE or fov or convergen\$6) same triang\$7) and ((road\$1 or lane\$1) same (curv\$8 or turn\$4 or bend\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 10:08
S34	5202	382/100,106;356/3,3. 1;340/933;701/211,210,209,205.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 14:45
S35	273	382/100,106;356/3,3. 1;340/933;701/211,210,209,205.ccls. and ((road street lane) near5 imag\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 14:54
S36	5202	382/100,106;356/3,3. 1;340/933;701/211,210,209,205.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 14:47
S37	2263	S36 and (road or lane\$ or marker\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 14:47
S38	381	S37 and (imag\$4 same (divid\$6 or separt\$5 or region\$4 or segment\$5 or zon\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 14:54
S39	121	S35 and (imag\$4 same (divid\$6 or separt\$5 or region\$4 or segment\$5 or zon\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 14:48
S40	16	S39 and (radius curva\$7) and triang\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 14:55
S41	5957	((road\$1 street\$1 lane\$1) near5 imag\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 14:54

S42	1907	S41 and (imag\$4 same (divid\$6 or separt\$5 or region\$4 or segment\$5 or zon\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 14:54
S43	2391	S41 and (imag\$4 same (divid\$6 or separt\$5 or region\$4 or segment\$5 or zon\$4 rang\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 14:54
S44	144	S43 and (radius curva\$7) and triang\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 15:06
S45	233	S43 and (radius curva\$7 circul\$4 circl\$4 circumcir\$7) and triang\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 15:06
S46	89	S45 not S44	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 15:10
S47	2	"5757949".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 15:13
S48	1942	356/3,3.01,3.1,3.13,602,623, 631;342/126,450.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 15:50
S49	8	S48 and ((road\$1 street\$1 lane\$1) near5 imag\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 15:54
S50	429	S48 and (triang\$7 and (curv\$8 turn\$4 circl\$4 circular\$ radius circumcirc\$8))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 15:53
S51	290	S50 and imag\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 15:54


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**1 Recognising groups of curves based on new affine mutual geometric invariants, with applications to recognizing intersecting roads in aerea images**
*Barzohar, M.; Keren, D.; Cooper, D.B.;*

Pattern Recognition, 1994. Vol. 1 - Conference A: Computer Vision &amp; Image Processing., Proceedings of the 12th IAPR International Conference on , Volun 1 , 9-13 Oct. 1994

Pages:205 - 209 vol.1

[\[Abstract\]](#)   [\[PDF Full-Text \(540 KB\)\]](#)   IEEE CNF

**2 Road detection in SAR images using genetic algorithm with region growing concept**
*Byoung-Ki Jeon; Jeong-Hun Jang; Ki-Sang Hong;*

Image Processing, 2000. Proceedings. 2000 International Conference on , Vol 2 , 10-13 Sept. 2000

Pages:688 - 691 vol.2

[\[Abstract\]](#)   [\[PDF Full-Text \(384 KB\)\]](#)   IEEE CNF

**3 Combined dynamic tracking and recognition of curves with applicati road detection**
*Tarel, J.-P.; Guichard, F.;*

Image Processing, 2000. Proceedings. 2000 International Conference on , Vol 1 , 10-13 Sept. 2000

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**4 Advantages of using a space filling curve for computing wavelet**

**transforms of road traffic images***Pamula, W.;*

Image Analysis and Processing, 2003.Proceedings. 12th International Conference on , 17-19 Sept. 2003

Pages:250 - 253

[\[Abstract\]](#) [\[PDF Full-Text \(3021 KB\)\]](#) IEEE CNF**5 Road line tracking: an approach based on spatio-temporal surface***Inglebert, C.;*

Pattern Recognition, 1992 . Vol.1. Conference A: Computer Vision and Applications Proceedings., 11th IAPR International Conference on , 30 Aug.-3 Sept. 1992

Pages:224 - 227

[\[Abstract\]](#) [\[PDF Full-Text \(264 KB\)\]](#) IEEE CNF**6 Road detection in spaceborne SAR images using a genetic algorithm***Byoung-Ki Jeon; Jeong-Hun Jang; Ki-Sang Hong;*

Geoscience and Remote Sensing, IEEE Transactions on , Volume: 40 , Issue: 1 , Jan. 2002

Pages:22 - 29

[\[Abstract\]](#) [\[PDF Full-Text \(364 KB\)\]](#) IEEE JNL**7 Road edge detection for mobile robot navigation***Brzakovic, D.; Hong, L.;*

Robotics and Automation, 1989. Proceedings., 1989 IEEE International Conference on , 14-19 May 1989

Pages:1143 - 1147 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(540 KB\)\]](#) IEEE CNF**8 Detection of curved road edges in radar images via deformable templates***Bing Ma; Lakshmanan, S.; Hero, A.O.;*

Image Processing, 1997. Proceedings., International Conference on , Volume: 1 , 26-29 Oct. 1997

Pages:857 - 860 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(536 KB\)\]](#) IEEE CNF**9 A simple vision system for lane keeping***Redmill, K.A.;*

Intelligent Transportation System, 1997. ITSC 97. IEEE Conference on , 9-12 1997

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[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) IEEE CNF**10 Tracking road edges in the panospheric image plane***Corke, P.I.; Symeonidis, D.; Usher, K.;*

Intelligent Robots and Systems, 2003. (IROS 2003). Proceedings. 2003 IEEE/International Conference on , Volume: 2 , 27-31 Oct. 2003

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**11 Real-time lane detection for autonomous vehicle**

*Seung Gweon Jeong; Chang Sup Kim; Dong Youp Lee; Sung Ki Ha; Dong Hwa Lee; Man Hyung Lee; Hashimoto, H.;*

Industrial Electronics, 2001. Proceedings. ISIE 2001. IEEE International Symposium on , Volume: 3 , 12-16 June 2001

Pages:1466 - 1471 vol.3

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**12 Making snakes converge from minimal initialization**

*Neuenschwander, W.; Fua, P.; Szekely, G.; Kubler, O.;*

Pattern Recognition, 1994. Vol. 1 - Conference A: Computer Vision & Image Processing., Proceedings of the 12th IAPR International Conference on , Volun 1 , 9-13 Oct. 1994

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**13 Road and relative ego-state recognition**

*Behringer, R.; V. Holt, V.; Dickmanns, D.;*

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**14 Feedforward control for curve steering for an autonomous road vehicle**

*Muller, N.;*

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**15 Recovering the 3D shape of a road by vision**

*Chapuis, R.; Aufrere, R.; Chausse, F.;*

Image Processing and Its Applications, 1999. Seventh International Conference (Conf. Publ. No. 465) , Volume: 2 , 13-15 July 1999

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[\[Abstract\]](#) [\[PDF Full-Text \(220 KB\)\]](#) [IEEE CNF](#)

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**16 A family of spectral target signature transforms: relationship to the past, new transforms, and sensitivity tests**
*Mayer, R.; Bucholtz, F.; Scribner, D.; Kruer, M.;*

 Geoscience and Remote Sensing Letters, IEEE , Volume: 1 , Issue: 1 , Jan. 20  
 Pages:26 - 30

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**17 Sensor array processing techniques for super resolution multi-line-fitting and straight edge detection**
*Aghajan, H.K.; Kailath, T.;*

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**18 Geometric modeling and recognition of elongated regions in aerial images**
*Lipardi, C.; Trivedi, M.; Harlow, C.;*

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 Pages:1600 - 1612

[\[Abstract\]](#)    [\[PDF Full-Text \(1384 KB\)\]](#)    **IEEE JNL**
**19 A robust algorithm of principal curve detection**
*Mang Chen; Zhiguo Cheng; Yuncai Liu;*

 Pattern Recognition, 2004. ICPR 2004. Proceedings of the 17th International Conference on , Volume: 1 , 23-26 Aug. 2004  
 Pages:429 - 432 Vol.1

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**20 Vehicle surround sensing based on information fusion of monocular video and digital map**

*Janssen, H.; Niehsen, W.;*

Intelligent Vehicles Symposium, 2004 IEEE , 14-17 June 2004

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**21 Lane boundary detection using an adaptive randomized Hough transform**

*Qing Li; Nanning Zheng; Hong Cheng;*

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**22 Ground penetrating radar signal processing for road monitoring and damage detection**

*Benedetto, A.; Benedetto, F.; De Blasii, M.R.; Giunta, G.;*

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**23 Lane boundary detection using a multiresolution Hough transform**

*Yu, B.; Jain, A.K.;*

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**24 Recognition of intersection scene by attentive observation for a mobile robot**

*Takizawa, H.; Shirai, Y.; Kuno, Y.; Miura, J.;*

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**25 Road scene analysis from perspective image**

*Juping Yang; Ozawa, S.;*

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**26 Iterative spline relaxation with the EM algorithm***Leite, J.A.F.; Hancock, E.R.;*

Pattern Recognition, 1996., Proceedings of the 13th International Conference on , Volume: 2 , 25-29 Aug. 1996

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[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) [IEEE CNF](#)**27 Long distance lane boundary visualisation on curved roads with a s***Bures, P.;*

Video/Image Processing and Multimedia Communications, 2003. 4th EURASIP Conference focused on , Volume: 1 , 2-5 July 2003

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[\[Abstract\]](#) [\[PDF Full-Text \(503 KB\)\]](#) [IEEE CNF](#)**28 Street-parking vehicle detection using line scan camera***Zhu, C.H.; Hirahara, K.; Ikeuchi, K.;*

Intelligent Vehicles Symposium, 2003. Proceedings. IEEE , 9-11 June 2003

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[\[Abstract\]](#) [\[PDF Full-Text \(368 KB\)\]](#) [IEEE CNF](#)**29 A lane tracking system for intelligent vehicle applications***Redmill, K.A.; Upadhy, S.; Krishnamurthy, A.; Ozguner, U.;*

Intelligent Transportation Systems, 2001. Proceedings. 2001 IEEE , 25-29 Aug. 2001

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[\[Abstract\]](#) [\[PDF Full-Text \(808 KB\)\]](#) [IEEE CNF](#)**30 Reactive visual navigation based on omnidirectional sensing-path following and collision avoidance***Yagi, Y.; Nagai, H.; Yamazawa, K.; Yachida, M.;*

Intelligent Robots and Systems, 1999. IROS '99. Proceedings. 1999 IEEE/RSJ International Conference on , Volume: 1 , 17-21 Oct. 1999

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**31 Wave propagation in curved road tunnels**
*Nilsson, M.; Slettenmark, J.; Beckman, C.;*

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*Kamat, V.; Ganesan, S.;*

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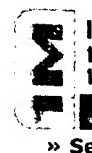
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